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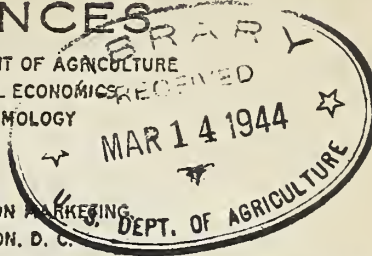


# COTTON LITERATURE

## SELECTED REFERENCES

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BUREAU OF AGRICULTURAL ECONOMICS, WASHINGTON, D. C.



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Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTIONGeneral

Cross, William E. La campana algodonera de la estación experimental agricola del ano 1936-1937. Revista Industrial y Agricola de Tucuman 26(4/5/6):94-96. April/May/June 1936. (Published at Tucuman, Argentina) 6 T79

The cotton season of the Agricultural experiment station for the year 1936-37.

Indore (City). Institute of plant industry, Indore, Central India. Progress report for the year ending 30th June 1935. 82pp., tables. Indore, [1936] 107.5 In2P

Partial contents: Cotton--Botany and genetics, pp.7-10; Cotton--Physiology, pathology and agronomy, pp.11-68.

Botany

Chen, C. A comparative study in methods of selfing cotton. Chinese Cotton Bull. 3(9/10): 400-409, illus., tables. December 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)

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Enomoto, Nakae, and Nabesima, Naotsugu. The influence of soil moisture upon the growth of cotton plants. Kjusu Imperia Universitato Fukuoka, Japanujo, Fukuokato Terkultura, Bulteno Scienca 7(2):150-164. December 1936. (Published at Fukui, Japan) J 107.6 K995B

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Harland, Sydney Cross. The genetics of cotton. XVII. Increased mutability of a gene in G. Purpurascens as a consequence of hybridization with G. Hirsutum. Jour. Genetics 34(1): 153-168, tables. February 1937. (Published by Cambridge University Press, Fetter Lane, E.C.4, London, England) 442.8 J823  
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Heh, C.M., and Ku, Y.L. The study of selfing cotton. Chinese Cotton Bull. 3(3/4):143-146, tables. April 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)  
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"Abstract of paper on the effect of per-



iodic illumination upon cell wall structure,"  
by D.B.Anderson, p.155 (Cotton fibers were  
included in the studies).

Phillis, E. Progress in physiology. Empire  
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Bear, Firman E. Some fertilizer problems in the Southern states. Com. Fertilizer 54 (4):8-13. April 1937. (Published by Walter T. Brown Publishing Co., 223 Courtland St., N.E., Atlanta, Ga.) 57.8 C73  
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Cotton is one of the crops studied in regard to fertilizer needs.

Better methods of fertilizer application widely used; but obsolete methods and obsolete machines are still in use on many farms. Fert. Rev. 12(2):8-9,14-15, illus., tables, chart. March/April 1937. (Published by National Fertilizer Association, 616 Investment Bldg., Washington, D.C.) 57.8 F414  
Results on cotton yields of different methods of fertilizer application are given.

Bledsoe, R.P., Stacy, S.V., and Skinner, J.J. Cotton fertilizers for Georgia soils. Ga. Agr. Expt. Sta. Bull. 196, 20pp., tables, charts. Experiment. 1937. 100 G29S

Browne, W.A. Agriculture in the Llano Estacado. Econ. Geog. 13(2):155-174, illus., charts. April 1937. (Published by Clark University, 10 Ferry St., Concord, N.H.) 278.8 Ec7  
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Bucha, H.C. North Carolina growers study cottonseed treatments. Amer. Ginner and Cotton Oil Miller 14(7):4-6, illus. March 1937. (Published at P.O.Box 504, Little Rock, Ark.) 72.8 Am35

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Consejo practico para los cultivadores de algodon. El Agricultor Venezolano 1(10): 11, illus. February 1937. (Published by Ministerio de Agricultura y Cria, Caracas, Venezuela) 9.95 Ag3

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Corn and cotton variety tests. Agr. Bull. pp.5,15, tables. Spring 1937. (Published by Atlanta and West Point Railroad Co., 4 Hunter St., S.E., Atlanta, Ga.) 6 Ag822

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La culture du cotonnier en Côte d'Ivoire.  
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 IX<sup>e</sup>, France) 72.9 As7

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What of SxP?--Humidity? Ariz. Producer 15  
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India. Sind. Department of agriculture. Annual report...for the year 1934-35, by V.A.Tamhane. 150pp., tables. Bombay, 1936. 22 Si6

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King, B.M. Good varieties of cotton for Missouri. Mo. Agr. Expt. Sta. Circ. 194, 8pp., illus. Columbia. 1937. 100 M693

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100 L93 North 1935

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Mogford, J.S. If a cotton plant could talk. It might speak in strong language to Texas cotton growers. Prog. Farmer (Tex. ed.) 52(5):57. May 1937. (Published at 1104 Insurance Bldg., Dallas, Tex.) 6 T311  
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More money from better cotton fertilizers.  
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tion. Prog. Farmer (Tex. ed.) 52(5):27.  
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Diseases of cotton.

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Guilliermond, A. L'Eremothecium Ashbyii, nouveau champignon parasite des capsules du cotonnier. Revue Mycologie 1(3):115-156, illus., tables. June 1, 1936. (Published at 16, Rue Buffon, Paris, (5<sup>e</sup>), France) 450 An74

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The Eremothecium Ashbyii, a new cotton boll fungus.

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Krug, H.P. A podridao interna dos capulhos do algodoeiro no estado de Sao Paulo. Sao Paulo, Brazil, Instituto Agronomico, Campinas, Boletim Technico 23, 19pp., tables. Sao Paulo. 1936.  
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Internal boll rot of cotton in the State of Sao Paulo.

"A summary is given of the available information on the history, host range, distribution, economic importance, symptoms and aetiology of internal boll rot of cotton (associated with bacteria, Menatospora coryli, N. gossypii, yeasts, and Penicillium sp.) which was recorded during 1936 from six Experimental Stations in Sao Paulo, Brazil, causing 1.5 to 8 per cent infection."-Empire Cotton Growing Rev. 14(2): 171. April 1937.

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Shaw, Luther. Control of damping off of cotton in North Carolina by disinfecting seed reported by extension service. *Agr. News Letter* 5(4): 81-83, table. April 1937. (Published by E.I. Dupont de Nemours & Co., Inc., Wilmington, Del.) 6 D92

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Shen, C.I. Studies on tonosis of cotton. *Sinensia* 7(3):293-318, illus., tables. June 1936. (Published by the National Research Institute of Biology, Academia Sinica, 68 Ching Hsien St., Nanking, China) 410.9 Si62

Literature cited, pp.315-316.

"Tonosis or bud-cut is one of the most important cotton diseases occurring in China."

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Thadani, K.I. Some notes of the incidence of disease and resistance to pathological and other adverse conditions in crops of Sind. Indian Acad. Sci. Proc. 3(6):470-480, tables. June 1936. (Published at Bangalore, Mysore, India) 513 In25

Cotton is one of the crops noted.

Viswa Nath, B., Wad, Y.D., and Suryanarayana, M. Disease resistance in plants in relation to nutrition balance. Indian Acad. Sci. Proc. 3B(6):459-465. June 1936. (Published at Hebbal, Bangalore, India) 513 In25B

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"Includes (1) a list of insects arranged according to order and family, and their hosts; (2) a list of host plants arranged by family,

with the pests attacking them, and the nature of the injury. Twenty pests of cotton are mentioned, including Aphis gossypii, Platyedra gossypiella, Earias fabia, E. insulana, Oxycaenus laetus, and Dysdercus cingulatus."-Empire Cotton Growing Rev. 14(2):165. April 1937.

Bishara, Ibrahim. Some pink bollworm studies in Egypt. Egypt. Min. Agr. Tech. and Sci. Serv. Ent. Sec. Bull. 163, 32pp., illus. Cairo, Government press, 1936. 24 Eg93

Deshpande, B.P., and Nadkarny, N.T. The spotted boll-worms of cotton in South Gujarat. (Final report on investigations financed by the Indian Central Cotton committee, 1923 to 1931). Imperial Council of Agr. Research, India, Monograph no.10, 208pp. Delhi, 1936. 22 In7S

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Life history and control of Earias fabia Stoll and Earias insulana Boisd. are given.

Dharma Rajulu, K. The nature of resistance in cotton plants to stem-weevil. Assoc. Econ. Biol. Coimbatore, Proc. 3:21-31, illus. 1935. (Published by Association of Economic Biologists, Coimbatore, India) 442.9 As7

"Experiments show that the resistance of Cambodia cotton to attack by Pempheres affinis, Fst. takes two forms, the production of a gall and the exudation of gum. An account is given of the histology of these processes."-Empire Cotton Growing Rev. 14(1):76. January 1937.

Ewing, K.P., and McGarr, R.L. Large-scale sulfur-dusting experiments for cotton flea hopper control at Port Lavaca, Tex. Jour. Econ. Ent. 30(1):130-134. February 1937. (Published at Menasha, Wis.) 421 J822

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Frappa, Cl. Deux nouveaux parasites du cotonnier à Madagascar. Association Cotonnière



Coloniale, Bull. Trimestriel 35(26):42-43.  
April 1937. (Published at 55, Rue de Châteaudun, Paris IX<sup>e</sup>, France) 72.9 As7

Two new parasites of the cotton plant in Madagascar.

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Brief report of meeting of Arkansas Cotton Trade Association, April 3, at Little Rock, Arkansas.

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[Atlantic cotton association] Harty elected new head of Atlantic ass'n. Committee reports and recommendations to A.C.A. convention. Cotton Trade Jour. 17(17):1,4. Apr.24,1937. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

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lished by Theodor Steinkopff, Dresden and  
Leipzig, Germany) 384 Z315

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fiber information.

"A review of research with the object of  
securing economy in imported fibre and food  
supplies is given under the headings: (1)  
the production of fibres from proteins  
(e.g.casein), and (2) from pine and beech  
wood, etc.; (3) the increased production of  
flax, hemp, and other home-grown plants, and  
(4) the production of starches to replace  
the use of potato flour and corn starch for  
sizing and finishing, or the alternative use  
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Viswanathan, M. Present-day Japanese cotton textile industry. An Indian technician's tour impressions. Indian Textile Jour.47 (558):217-218. Mar.15,1937. (Published at Military Square, Fort, Bombay, India) 304.8 In2

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### Supply and Movement

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57.9 C73B  
Cotton.  
A survey of conditions in Peru for 1936  
is given.

Argentina boosts cotton acreage. Farm & Ranch  
56(7):38. Apr.1,1937. (Published at 3306  
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increased cotton production especially in  
the Chaco Territory.

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5,15. Apr.10,1937. (Published at 710 Cot-  
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The report of L.T. Barringer, chairman of  
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Der aufstieg der baumwollkultur in Brasilien.  
Institut fur Konjunkturforschung. Wochen-  
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production has been increasing lately and to  
such an extent that Brazil has become an



important cotton-exporting country. The causes of this expansion and the prospects for its development are briefly discussed."-Agr. Econ. Lit. 11(4):358. April 1937.

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Burr, C.H. Staple decline alarming. Some sections of Texas produce majority of cotton less than 7-8 inch in length. Cotton Digest 9(28):8,18. Apr. 17, 1937. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

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La campagne cotonnière au Congo en 1936. Agriculture et Elevage au Congo Belge 11(4):56-57. April 1937. (Published at 34, Rue de Stassart, Bruxelles, Belgium) 26 Ag84

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Clapp, Alston, Sr. "Thou shalt not sow thy field with mingled seed." Acco Press 15(4):6-8. April 1937. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

The author urges improvement of the quality of Texas and Oklahoma cotton.

Colles, George F. A farmer writes a letter which reflects mature thought on the vexing problem of better cotton planting seed. Acco Press 15(4):8. April 1937. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

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Compagnia per il cotone di Etiopia. Bollettino della Cotoniera 32(1):5. January 1937. (Published at Via Borgonuovo, 11, Milano, Italy) 304.8 B63

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The cotton industry. Trop. Agr. [Trinidad] 14(4):119, tables. April 1937. (Published by the Imperial College of Tropical Agriculture, St. Augustine, Trinidad, B.W.I.) 26 T754

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Heh, C.M.; and Ku, Y.L. Recent advancement in cotton improvement of the University of Nanking. Chinese Cotton Bull. 3(7/8): 362-373, tables. October 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)  
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Howe, Elton J. Cotton competition. Calif. Cultivator 84(8):261,299. Apr.10,1937. (Published at 317 Central Ave., Los Angeles, Calif.) 6 C12

Cotton production in Sao Paulo, Brazil, has increased greatly in the last two years.

Hu, C.L. Cotton growing in Egypt. Chinese Cotton Bull. 3(3/4):174-179. April 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)  
In Chinese.

India--Final general memorandum on the cotton crop of 1936-37 (All-India). Cotton [Manchester] 42(2057):13, tables. Apr.3,1937. (Published by the Manchester Cotton Assoc., Ltd., 411 Fourth Floor, Royal Exchange, Manchester, 2, England) 304.8 C826

Acreage, production and yield by provinces and States and by trade varieties are given.

Ladejinsky, W. Agriculture in Manchuria--Possibilities for expansion. Foreign Agriculture 1(4):157-182, illus., tables. April 1937.

(Published by the United States Bureau of Agricultural Economics, Washington, D.C.)

Includes discussion of efforts to increase cotton production.

Lanham, W.B. Quality of Texas cotton. Cotton and Cotton Oil Press 38(13):41, table. Mar. 27, 1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Lanham, W.B., Miller, G.E., and Goudy, Norma L. Quality of Texas cotton, crops of 1928-35. 61pp., tables, charts, mimeogr. United States Department of Agriculture, Bureau of Agricultural Economics, Washington, 1937.

"The purpose of this report is to meet an existing need by furnishing...information on the quality of cotton grown in the more localized area...Quality is used here to mean grade and staple only...Some discussion of general soil and climatic conditions has been included here, to make the larger differences in quality more easily understood. An attempt has been made in the discussion to point out significant facts regarding the quality of cotton produced in the different areas of the State."

Limitation de la culture du coton congolais? Agriculture et Elevage au Congo Belge 10(4): 58. April 1936. (Published at 34, rue de Stassart, Bruxelles, Belgium) 26 Ag84

Limitation of the cultivation of Congo cotton?

Extract from the technical review "L'Ingénieur Textile" of Verviers.

[McCrary, J.R.] Ever-normal granary plan may not work with cotton. Head of Brazos Valley cotton cooperative association doubts its successful application with cotton. Tex. Co-op. News 17(4):8. Apr. 15, 1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F



Minutes of discussion on cotton improvement in Shansi. Chinese Cotton Bull. 3(3/4):180 195. April 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)  
In Chinese.

Mudaliar, Sir A.R. The Lancashire Indian cotton committee. Indian Textile Jour. 47(558):209. Mar.15,1937. (Published at Military Square, Fort, Bombay, India) 304.8 In2  
Extracts from address at British Textile Exhibition at White City on February 16,1937, on the work of the committee and the importance of the cotton crop to India.

Ousley, Clarence. Some cotton delusions. Cotton and Cotton Oil Press 38(14):14. Apr.3, 1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822  
Editorial on practices which have in the past caused Texas growers to lack interest in the quality of their cotton.

Ousley, Clarence. To recover quality in cotton. Cotton and Cotton Oil Press 38(13):20. Mar. 27,1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822  
Editorial commenting upon the plan of the Texas Cotton Improvement Committee.

Los progresos del algodón en Sao Paulo (Brasil) Vida Agrícola 14(160):251-253, tables. March 1937. (Published at Nunes 26A, Casilla 1159, Lima, Peru) 9.8 V66  
The progress of cotton in Sao Paulo (Brazil)

La réforme du marché cotonnier de l'Uganda. Agriculture et Elevage au Congo Belge.10(3): 43. March 1936. (Published at 34 rue de Stassart, Bruxelles, Belgium) 26 Ag84  
Reform of cotton marketing in Uganda.  
Quality is discussed.

Schneider, Alfred. Brasilien. Das baumwoll-jahr 1936. Wirtschaftsdienst 21(36):1285, tables, Sept.4,1936. (Published at Postrasse 19, Hamburg, 36, Germany) 280.8 W74  
Brazil. The cotton year.  
"A record production of cotton in Brazil in 1936 is reported. The states of central



Brazil produced 1,300,000 bales compared with 638,000 bales in 1935. Pernambuco crop is estimated at 120,000 bales, and Sao Paulo 170,000 tons. The quality of the cotton has also improved. The export figures for 1936 show a great decline in exports to Germany, but increases in exports to Belgium, France, Holland, Poland, Finland, and England. A great increase in exports to Japan is also indicated. Costs of production have been reduced, and good prices obtained for the cotton."-Empire Cotton Growing Rev. 14(2): 156. April 1937.

Stop growing cotton? Tex. Weekly 13(15):11-12. Apr. 10, 1937. (Published at Dallas Athletic Club Bldg., Dallas, Tex.) 280.8 T31

"Discussing proposals that Texas quit growing cotton and turn to something else, numerous newspapers agree with The Weekly that revision of tariffs is the real need."

Sun En-Ling. Two years work on cotton improvement in China and the future program of cotton self-sufficiency in production. Chinese Cotton Bull. 3(7/8):309-317. October 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)

In Chinese.

The time is here for unified action on cotton. Amer. Ginner and Cotton Oil Miller 14(7): 9,12. March 1937. (Published at P.O. Box 504, Little Rock, Ark.) 72.8 Am35

Editorial urging improved quality for Texas Cotton.

Todd, John A. American cotton restriction and its effect on outside growths. Empire Cotton Growing Rev. 14(2):110-116, tables, chart. April 1937. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, England) 72.8 Em7

The author concludes that "world's supplies and world's consumption of cotton of All Kinds have risen on the whole steadily throughout the post-war period and are now again reaching record figures. But this result is due to the fact that, as against the heavy reduc-

tion of the American crop and consumption since 1931, the supply and consumption of Outside Growths have increased to an extent never before known, and these conditions are likely to continue so long as the American Government persists in its policy of restriction. That policy has been a godsend to all the other countries that grow cotton, and not least to those of the British Empire."

Torn, Elmore R. Chamber studies cotton problem. Committees seek improvement of yield, longer staple and research laboratory to assist in restoring export markets. East Tex. 11(7): 11,40-41, illus. April 1937. (Published by East Texas Chamber of Commerce, Adolphus Hotel Bldg., Dallas, Texas) 6 Ea73

### Prices

Bravo, Sakel! Textile Weekly 19(475):459. Apr.9,1937. (Published at 49 Deansgate, Manchester, 3, England) 304.8 T3127  
Editorial on the recent rise in the price of Sakellaridis cotton, in which it is stated that "the obituary notice of Sakel will be written after the end of July, 1937."

Briggs, Frank A. Cotton division argues with itself. Farm and Ranch 56(8):9-11. Apr.15, 1937. (Published at 3306 Main St., Dallas, Tex.) 6 T31  
The author discusses the recent publication of the United States Bureau of Agricultural Economics entitled "Cotton Prices in Relation to Cotton Classification Service and Quality Improvement," by Howell and Hembree. He urges the Bureau to find out what quality of cotton the mills want.

Briggs, Frank A. Who gets the premium for good staple? Farm and Ranch 56(7):18. Apr.1, 1937. (Published at 3306 Main St., Dallas, Tex.) 6 T31

The author shows that the farmer does not get the premium.

Favor spot cotton quotation plan. Memphis parley of exchange representatives backs

government proposal subject to ratification.  
Daily News Rec. no.100, pp.1,7. Apr.29,1937.  
(Published at 8 East 13th St., New York,  
N.Y.) 286.8 M48

Report of a meeting held at Memphis, Tenn.,  
April 28,1937, "to revise the methods used  
in arriving at spot quotation in settlement  
of futures contracts for grades above and  
below middling."

Geller, Carl. What price cotton? Deflation  
and inflation frequently overcome normal  
supply and demand influences.--Production  
of foreign growths encouraged by price peg-  
ging policies. Com. and Finance 26(8):  
269,283, chart. Apr.17,1937. (Published  
by Comfine Publishing Corp., 95 Broad St.,  
New York, N.Y.) 286.8 C737

Brief survey of price fluctuations for  
the past 40 years and comment on the present  
situation.

Die neue textilpreisregelung. Vereinfachung  
der textilkalkulation durch berücksichtigung  
notwendiger kostenfaktoren.--Beseitigung von  
spannungen. Spinner und Weber 55(15):11-12.  
Apr.9,1937. (Published at Pössneck, Germany)  
304.8 Sp41

The new textile price regulation. Simpli-  
fication of textile calculation through con-  
sideration of the necessary cost factors.--  
Removal of tension.

Senate report. Cotton Digest 9(29):4. Apr.24,  
1937. (Published at 710 Cotton Exchange  
Building, Houston, Tex.) 286.82 C822

Editorial on the report of the Senate Com-  
mittee on Agriculture and Forestry on cotton  
prices.

[Slater, W.H.] Textile price index numbers.  
Semi- and manufactured articles now take up  
the rise. Textile Weekly 19(476):493-494,  
tables. Apr.16,1937. (Published at 49,  
Deansgate, Manchester, 3, England) 304.8 T3127

United States Congress. Senate. Committee on  
agriculture and forestry. Cotton investi-  
gation...Report [Pursuant to S. Res. 103,

125,172, and 182, 74th Cong.]. U.S. Cong.  
75th, 1st sess. S. Rept. 331, 58pp., tables.  
[Washington] 1937.

The results of the inquiry into the cause of the decline of cotton prices on March 11, 1935, conducted by the committee with the aid of Alfred S. Wyllie, counsel, are reported, and recommendations for legislation to improve the marketing of cotton are given.

Comment in Cotton Digest 9(28):5. Apr. 17, 1937.

### Marketing and Handling Methods and Practices

New contract recommended for New York. Sen.

Smith says "Reforms" needed by cotton exchange. Cotton Trade Jour. 17(16):1. Apr. 17, 1937. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

### Services and Facilities

Banking and finance. Cotton market contracts.

Times [London] Egypt No., no. 47,592, p. xxvi, illus. Jan. 26, 1937. (Published at London, England) 280.192 T48

Includes a brief statement as to the financing of Egyptian cotton.

Brown, Hylton R. Reduce our cotton fire loss.

Cotton and Cotton Oil Press 38(13):46-47, illus. Mar. 27, 1937. (Published at 3116-18 Commerce St. Dallas, Tex.) 304.8 C822

Causes of cotton fires are noted.

Bureau opens new cotton laboratories. New stan-

dardization building completely equipped, occupied at Washington. Tex. Co-op. News 17(4):2. Apr. 15, 1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F

The cotton standardization studies of the U.S. Bureau of Agricultural Economics are noted.

Also in Mid-So. Cotton News 14(9):5. April 1937.

Country damage to cotton. Amer. Ginner and

Cotton Oil Miller 14(7):11. March 1937. (Pub-



lished at P.O. Box 504, Little Rock, Ark.)  
72.8 Am35

An example is given of the loss to one farmer from improperly stored cotton.

Field, B.Lyon. Cotton buying and ginning.  
Agr. Jour. [Fiji] 8(2):14-16. 1936. (Published by the Department of Agriculture, Fiji) 25 F47Ag  
Marketing and ginning customs in Fiji are described.

Greer county 4-H, FFA boys take interest in cotton classing schools. The boys were instructed in grading and stapling of cotton as well as fundamental principles of co-operative cotton marketing. Okla. Cotton Grower 17(7):4. Mar.15,1937. (Published at 10 West Sixth St., Oklahoma City, Okla.)  
72.8 Ok4

Loan cotton sale to be continued. 1,150,000 bales sold to April 1--Stock of government cotton now reduced to 1,850,000 bales. Announced by RFC chairman. Cotton Trade Jour. 17(14):1. Apr.3,1937. (Published at 810 Union St., New Orleans, La.)  
72.8 C8214

Organization of Barcelona cotton trade explained. Cotton Trade Jour. 17(16):3. Apr.17,1937. (Published at 810 Union St., New Orleans, La.)  
72.8 C8214

A letter from the president of the Cotton Centro of Barcelona, correcting an article published in the Cotton Trade Journal of November 2,1936, is given.

Release of government-financed cotton continued. Cotton Situation CS-6, pp.3-4, table, Apr.26, 1937. (Published by the United States Bureau of Agricultural Economics, Washington, D.C.)

Table shows stocks of Government-financed spot cotton at 6-month intervals during the last three years.

Sale of loan cotton continued. Same terms of sale will continue through April. Stock of



Government cotton substantially reduced.  
 Initial release date terminated April 1.  
 Tex. Co-op. News 17(4):1. Apr.15,1937.  
 (Published by Texas Co-operative Publishing  
 Co., Inc., 601 Taylor St., Fort Worth, Tex.)  
 72.9 T315F

The announcement quotes Jesse H. Jones as  
 stating that 1,150,000 bales had been released  
 to producer-borrowers in February and March.

12-cent loan advice given. Miss. Co-op. News  
 8(9):1,3. March 1937. (Published by Mississ-  
 ippi Cooperative Cotton Association, 236 1/2  
 E. Capitol St., Jackson, Miss.)

"Recent market advance does not affect  
 price received by 12c loan."

[United States Farm credit administration]  
 Credit for agriculture in 1936. U.S. Farm  
 Credit Admin. Circ. A-11, 26pp., illus.,  
 charts. [Washington. 1937] 166.2 C4922

A chart showing the quantity of cotton  
 needed to pay interest on a loan in 1932,  
 1933, 1934, 1935, and 1936 is included.

[United States Interstate commerce commission]  
 Cotton loading provisions. Traffic World  
 59(16):822. Apr.17,1937. (Published at 418  
 S. Market St., Chicago, Ill.) 288.8 T672

The report relates to charges for loading  
 cotton in the Southwest.

Yeh, Y.T. The cotton classing and its future  
 programs. Chinese Cotton Bull. 3(7/8):  
 345-352, tables. October 1936. (Published  
 by Chinese Cotton Improvement Association,  
 80 Ave. Edward VII, Shanghai, China)  
 In Chinese.

### Cooperation in Marketing

Film portrays co-operative activities. The  
 film portrays complete story of bale of  
 cotton. Okla. Cotton Grower 17(7):1.  
 Mar.15,1937. (Published at 10 West Sixth  
 St., Oklahoma City, Okla.) 72.8 Ok4

Describes the film entitled "Co-op cotton  
 moves to market," produced by the Farm Credit  
 Administration.

Henry, C.G. Problems in selling cotton. Amer. Cotton Grower 2(11):10-11, illus. April 1937. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

Problems of the cooperative marketing associations in meeting competition are discussed.

Lowry, O.M. Service and confidence basis of success at Paris branch. TCGA office gets heavy patronage from membership. Business interests also endorse and support co-op movement. Deliveries large. Tex. Co-op. News 17(4):2, illus. Apr.15,1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F

"The second of a series of articles dealing with branch offices of the Texas Cotton Growers Association."

Sixteen years of cooperative cotton marketing. Prog. Farmer (Tex. ed.) 52(5):26. May 1937. (Published at 1104 Insurance Bldg., Dallas, Tex.) 6 T311

Brief statement regarding the cooperative cotton marketing situation in the United States.

#### UTILIZATION

##### General

Assails regain standards. Committee D-13 considers their abolition as it banquets George B. Haven at Providence meeting. Textile World 87(5):114-115, illus. April 1937. (Published by McGraw Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 304.8 T315

Brief report of the meeting of Committee D-13 of the American Association for Testing Materials, March 10-12,1937.

Rose, R.E. Application of exact knowledge to problems of the textile industry. Amer. Dyestuff Reprtr. 26(6):146-148,173. Mar.22, 1937. (Published by Hoves Publishing Co., Inc., 440 Fourth Ave., New York, N.Y.) 306.8 Am3

Presented at annual meeting of the Canadian

Association of Textile Chemists and Colorists,  
Ontario Section, Hamilton, Ontario, February  
6, 1937.

The need for research in the textile  
industry is stressed.

### Fiber, Yarn, and Fabric Quality

American society for testing materials. Sympo-  
sium on radiography and x-ray diffraction  
methods, held at the thirty-ninth annual  
meeting...Atlantic City, N.J., June 30-July  
1, 1936. 350pp., illus., tables, charts.  
Philadelphia, [1937] 334 Am35

References at ends of chapters.

The applications of the x-ray diffraction  
method to non-metallic materials, by George  
L. Clark, pp.339-350 (cotton is included).

Anderlitschka, Josef. . Reihenversuche mit  
baumwollgeweben. Mitteilungen des Tech-  
nischen Versuchsamtes 24:65-71, table, charts.  
1935. (Published by Julius Springer, Wien,  
Austria)

Series experiments with cotton fabrics.

"Tensile and wear tests have been made on  
a series of cotton fabrics, woven by different  
methods from the same yarns, bleached and  
washed. The 'quality numbers' (tearing strength  
 $X 20 \div$  weight per square metre) show that the  
behaviour at different stages is not uniform.  
Bleaching is said to reduce the properties  
more than oft-repeated washing."--Textile Inst.  
Jour. 28(2):A91. February 1937.

Argentina. Method of assessing the weight of  
imported textiles. Gt. Brit. Bd. Trade  
Jour. 138(2101):379. Mar.11,1937. (Pub-  
lished by H.M. Stationery Office, Adastral  
House, Kingsway, London, W.C.2, England)  
256.03 T67J

Includes a provision that "investigation  
will be made by the National Chemical Office,  
at the request of the interested party, in  
order to determine the weight of the goods  
in atmospheric conditions of 65 per cent.  
humidity."

[Astbury, W.T.] Fibre studies. Nature 138 (3498):824-825. Nov.14,1936. (Published by Macmillan & Co., Ltd., St. Martin's St., London, W.C.2, England) 472 N21

"A brief summary is given of papers bearing on the structure and physical properties of fibres read at the British Association meetings, 1936."-Textile Inst. Jour. 28(2): A89. February 1937.

Bayes, A.W. The variability of cotton cloth strength. . Textile Manfr. 63(746):45-46, 50, table, charts. February 1937. (Published by Emmott & Co., Ltd., 31 King St. West, Manchester, 3, England) 304.8 T3126

"Abstract of a paper to the Industrial and Agricultural Research Section of the Royal Statistical Society, January 21,1937. The full paper, with tables and discussion, will be given in No.1, Vol.IV of the Supplement to the Journal of the Royal Statistical Society."

"A descriptive account of the production of one cloth as an example in relation to the possibility of a statistical control, which would ensure the maintenance of a specified strength of fabric."

Bergen, Werner von. Neue schnellverfahren zur herstellung von dünnen faserquerschnitten. Melliland Textilberichte 18(1):1-5, illus. January 1937. (Published at Heidelberg, Germany) 304.8 T312

New process for rapid preparation of thin cross-sections of fibres.

"The apparatus consists essentially of two plates, the combined thickness of which is 1.2 mm. and which are shaped exactly like an ordinary slide. The apparatus comprises three parts: the fibre holder with a fibre slot measuring 10 mm. in length and 0.2 mm. in width, the accompanying plate which has a tongue that fits exactly into the fibre slot, and a device for pressing the fibres through the slot. The fibres to be examined are laid in the fibre slot, pressed together with the tongue of the accompanying plate, and the two plates are then set together. The projecting fibre bundles are cut off with a sharp razor. The slide is actuated



by means of the screw head, so that the fibres project only very slightly beyond the plate. They are then moistened with a drop of collodion, allowed to dry and cut off sharp. The micrometer screw is then turned according to the desired thickness of the fibre bundle, a little more collodion is added, and the fibres are cut off again; that section can be examined under the microscope. Numerous excellent microtome sections illustrate the article."-Textile Research 7(5):223. March 1937.

Chiang, T.S. Quantity of raw cotton required for coarse and fine yarns. Chinese Cotton Bull. 3(9/10):432-434, tables. December 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)  
In Chinese.

Heim de Balsac, F.H., and Miège. Le cotonnier Pima au Maroc. Résultats agricoles et technologiques. Coton et Culture Cotonnière 11(1):21-36, tables, charts. February 1937. (Published at 34, Rue Hamelin, Paris, France)  
72.8 C821

Pima cotton in Morocco. Agricultural and technological results.

Hu, C.L. Formation of cotton neps. Chinese Cotton Bull. 3(3/4):147-151, tables. April 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China).

References, p.151.

In Chinese.

Humedad excesiva en el algodón. Vida Agrícola 14(160):233. March 1937. (Published at Nunes 26A, Casilla 1159, Lima, Peru) 9.8 V66  
Excessive moisture in cotton.

Jones, J.I.M. Further notes on the tendering and fading of cellulose materials on exposure. Soc. Dyers & Colourists Jour. 51(8):285-299, tables, charts. August 1936. (Published at Ocean Chambers, 32/34 Piccadilly, Bradford, Yorkshire, England) 306.9 Sol

Tests were made on bleached and gray cotton; viscose, cupramonium and cellulose acetate rayon; silk; linen; and worsted.



Kanyo, Nieh. Historical sketch and experimental work of the national textile laboratory. Chinese Cotton Bull. 3(7/8):318-335, tables. October 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)  
In Chinese.

Köhler, Sigurd. Metoder för särskiljande av merceriserad och icke merceriserad bomull. Statens Provningsanstalt, Modellande 69, 17pp., tables, chart. Stockholm. 1935. 290.9 St6  
In Swedish. Summary in English.  
Tests for mercerization of cotton.  
The tests are made by microscopic methods and by chemical methods.

Kusebauch, Karl. Die Bündelfestigkeit im Vergleich zur einzelfaserfestigkeit. Melland Textilberichte 18(1):29-30, tables. January 1937. (Published at Heidelberg, Germany) 304.8 T312

Strength of single fibres compared with their united strength.

"Dr. Doehmer has published a new process for determining the strength of German wools by the examination of bundles containing 100 fibres each, instead of individual fibres. The author has tested the suitability of this method for the purposes of textile technics and comes to the conclusion that it is preferable to measure the strength of fibres in bundles instead of individually."-Textile Research 7(5):223-224. March 1937.

Meyer, P. Strength calculations for cotton yarns. Rayon Textile Mo. 18(4):113. April 1937. Published at 303 Fifth Ave., New York, N.Y.) 304.8 R21

L'Industrie Textile p.479. 1936.

"In this and a previous installment the author shows how to calculate the strength of cotton yarn. The following factors must be known: quality of the cotton, count of the yarn and the state of the yarn twist. The influence of each of these factors is examined. The author gives formulae and explains their use by examples of calculations of the strengths of various yarns."

Rogowina, A. and Lasareva, S. Zur frage der faserbiegsamkeit. Melliand Textilberichte 18(1):15-17, chart. January 1937. (Published at Heidelberg, Germany) 304.8 T312 Pliability of fibers.

"Pliability is one of the most important spinning qualities of fibres and it is of great interest to examine the conception and find a mathematical expression for it. The present article is an attempt to solve the problem. Equations have been worked out which can be used to judge the pliability of fibrous raw materials."-Textile Research 7(5):223. March 1937.

Walker, Albert C. Moisture adsorption in cotton and other fibrous insulating materials: A proposed explanation. Textile Research 7(6):229-239, table, charts. April 1937. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.) 304.8 T293

References, p.239.  
To be continued.

Wang, S.C., Wang, L.K., and Ho, C.N. A study on the fineness of cotton fibers located at the different regions of the seed. Chinese Cotton Bull. 3(3/4):153-173, tables. April 1936. (Published by Chinese Cotton Improvement Association, 80 Ave. Edward VII, Shanghai, China)  
In Chinese.

Womersley, J.R. The application of differential geometry to the study of the deformation of cloth under stress. Shirley Inst. Mem. 16(1):1-16, tables, charts. March 1937. (Published by British Cotton Industry Research Association, Didsbury, England) 72.9 B773

References, p.16.

Also in Textile Inst. Jour. 28(3):T97-T112. March 1937.

### Technology of Manufacture

B., C. Ring spinning--XII. Advantages of tape driving for the spindles in ring spinning--Sewn overlap joints--Metal fasteners--Align-

ment of ring plates--Setting of the rocker bar--Speed of the ring rail--Relation of speed ratio of rise and fall of ring plates to efficiency of binding coils. Textile Mercury and Argus 96(2501):206,211, illus. Feb.26,1937. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

- B., C. Ring spinning--XIII. The shape of builder cams--Importance of maintaining a conical chase of good shape--Effect of changes in bobbin diameter--The bottoming motion and manner of operation--Bunch building on pirns for automatic looms--Larger rings and larger bobbins. Textile Mercury and Argus 96(2504):288, illus. Mar.19,1937. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

Carding and spinning discussed at Georgia meeting. Textile Bull. 52(3):9-11,15,18,31. Mar.18,1937; 52(4):5-6,8,24. Mar.25,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

Report of meeting of Operating Executives of Georgia, held at the Georgia School of Technology, Atlanta, Ga., March 13,1937.

Also in Cotton [Atlanta] 101(4):114-118. April 1937.

Conversion to single-process cotton lapping. Modernised cotton blowing room plant. Textile Manfr. 63(746):67, illus., February 1937. Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126

- H. & B. multiple roving frames makes debut. Textile Bull. 52(5):45-47, illus. Apr.1,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82  
The new machine is described.

Landau, A.K. Cotton spinning efficiency. Canad. Textile Jour. 54(3)33-34. Feb.5,1937. (Published at 1434 St. Catherine St., W., Montreal, Canada) 304.8 C16

"The purpose of this article is to point out some of the most common sources of leaks and unnecessary losses in the card room and spinning room processes. Attention is called

to excess ties and bagging, to losses during opening and picking, to card waste and excessive flat strips, and finally to the necessity of routine inspection of cards and subsequent machines."-Rayon Textile Mo. 18(4):113.  
April 1937.

Lee, R.L., jr. A critical study of cotton manufacturing processes. The effect of doubling of strands upon their irregularity. Textile Research 7(6):241-250, tables, charts. April 1937. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.) 304.8 T293

References, p.250.

The fourth of a series of studies.

"Doubling does improve uniformity of counts of cotton strands...Results indicate that doubling also decreases the variability of cotton strands within short distances."-  
Conclusions.

"Mercurian." Model 36 A.P.S. mechanical doffer flyer spinning frame. Textile Mercury and Argus 96(2503):264, illus. Mar.12,1937. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

Truslow, James L. Some high spots in development of today's cotton-spinning methods. Textile World 87(5):110-111, illus. April 1937. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 304.8 T315

"Single-process picking has afforded improvement in evenness of laps; saving in floor space and power; and except in very small installations, saving in labor."

W., T. W. Opener and scutcher laps. Some common faults and their causes. Textile Weekly 19(475):465-466. Apr.9,1937. (Published at 49 Deansgate, Manchester, 3, England) 304.8 T3127

Young, Briggs. A method of checking picker laps. Cotton [Atlanta] 101(4):95-97, table charts. April 1937. (Published by W.R.C. Smith Publishing Co., Grant Bldg., Atlanta, Ga.) 304.8 C823



Technology of Consumption

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potential burden to the federal Treasury, both  
in the loss of taxes unpaid through delay or  
by court order (and now uncollectible), and  
in the possible necessity for the refund of  
sums illegally collected...Congress has sought  
to recapture unpaid taxes and prohibit refunds  
unless the processor demonstrates that he has  
himself borne the burden of these invalidated  
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## C O T T O N   R E P O R T S

ISSUED CURRENTLY BY  
UNITED STATES GOVERNMENT DEPARTMENTS

U.S. Department of Agriculture, Bureau of Agricultural Economics

Cotton Situation: issued monthly.

Crop Reports (Summarized in Crops and Markets, which is issued monthly):  
to be issued May 21, July 8, Aug. 9, Sept. 8, Oct. 8, Nov. 8, Dec. 8,  
1937.

Grade and Staple Reports:

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States: to be issued Oct. 22, Nov. 22, Dec. 22, 1937, Apr. 12, 1938.

Weekly Grade and Staple Summary: issued Saturdays during height of  
ginning season, at Washington.

Weekly Grade and Staple Reports: issued Saturdays during height of  
ginning season, at Atlanta, Ga.; Memphis, Tenn.; Dallas, Austin,  
and El Paso, Tex.

Market News Reports:

American Cotton Linters Price Report: issued Wednesdays at Washington,  
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Daily Official Report of the Designated Spot Cotton Markets: issued at  
Atlanta, Ga.

Staple Cotton Premiums: issued Saturdays at Atlanta, Ga., Memphis,  
Tenn., and Dallas, Tex.

Cotton Market Review: issued Saturdays at Washington, D.C., At-  
lanta, Ga., Memphis, Tenn., and Dallas, Tex.

U.S. Department of Commerce, Bureau of the Census

Activity in the Cotton Spinning Industry: issued monthly, about the 20th.  
Cotton Consumed, on Hand, Imported and Exported, and Active Cotton  
Spindles: issued monthly, about the 14th.

Cottonseed Received, Crushed, and on Hand, and Cottonseed Products  
Manufactured, Shipped out, on Hand and Exported: issued monthly,  
about the 12th.

Report on Cotton Ginnings: reports on 1937 crop to be issued Aug. 9,  
Aug. 23, Sept. 8, Sept. 23, Oct. 8, Oct. 25, Nov. 8, Nov. 22, Dec. 8,  
Dec. 20, 1937, Jan. 24, Mar. 21, 1938.

U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce

Textile Raw Materials: issued weekly.

Textiles and Allied Products: issued weekly.